TurboDriver Version 4 Upgrade Notes

This version of TurboDriver is compatible with both Risc PC and Archimedes computers.

Do you have the correct version of *!Printers*?

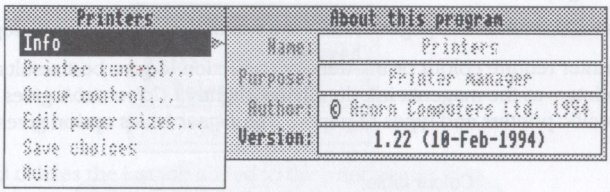
You require *!Printers* version 1.22 or later. If you have the earlier version (0.33), contact your Acorn supplier for upgrade details.

To check the version number:

1 Load *!Printers*.

2 Click **Menu** on the *!Printers* icon on the icon bar.

3 Move over the arrow to the right of **Info**. This displays information about *!Printers*.



4 Check the version number. (*1.22* in the illustration.)

Installing the new software

To install this new version of the software follow the installation process on pages 5–6 of the TurboDriver manual.

What's on the discs...

This supersedes information given in the printer supplements.

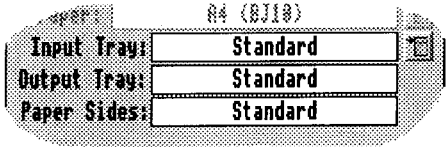
Disc 1 contains the installer, printer definitions and similar files.
Disc 2 contains sample black-and-white test files.
Disc 3 (only required for colour printers) contains sample colour test files.
(Discs 2 & 3 not supplied with upgrades)

As part of this release, the user interface has some extra features.

Configure dialogue box

(Refer to the TurboDriver manual, pages 12–14 for a full description of this dialogue box.)

Some printers have alternative input or output paper trays or can print on either (or both) sides of the paper. Where these options exist, you can choose which option to use in this dialogue box.



If an option does not apply to the selected printer, the menu offers a single choice of *Standard.*

RAM queue button: the new queueing system always uses the disc and so this button has been removed.

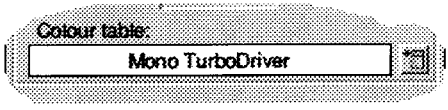
Max. memory button (new feature):

- With this button **unticked**, TurboDriver initially processes and then prints a small strip at the top of the page. This lets printing start as quickly as possible. While that strip is printing, TurboDriver processes the next, larger strip ready for printing. This process continues until the entire page is printed.
- With this button **ticked**, TurboDriver processes as much of the image as possible before starting printing. (If your computer has sufficient free memory, TurboDriver processes the entire page.) This is quicker for printing complex images such as large sprites. However, there is a pause before printing starts which some users dislike.

Halftone dialogue box

(Refer to the TurboDriver manual, pages 15–17 for a full description of this dialogue box.)

Many types of printer require colour or ink density correction to give best results. This is especially true for colour printers as the magenta ink dominates slightly. *Colour table* gives a range of tables optimised for specific printers and types of paper. The *Linear tables* option gives no correction.



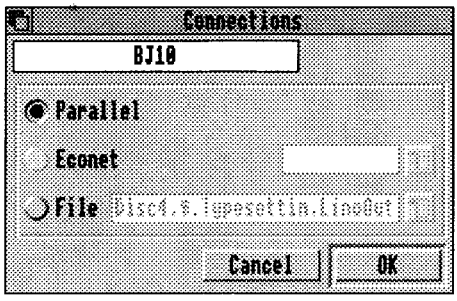
The installer automatically selects the most appropriate colour table for the selected printer.

If you have ArtWorks, Impression Publisher or Impression Style:

These also contain a *Colour table* option which you should set to *Linear tables.* Selecting correction curves (that is, tables other than Linear) in both TurboDriver and the application gives colour distortions because of over-compensation.

TurboDriver Connections dialogue box

(Refer to the TurboDriver manual, pages 19–20 for a full description of this dialogue box.)

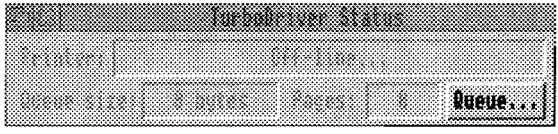


This dialogue box now shows only those options applicable to TurboDriver.

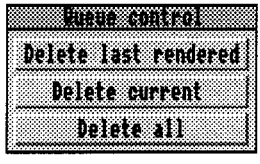
Status box

(Refer to the TurboDriver manual pages 21–22 for a full description of this dialogue box.)

The *Flush* button has been replaced by a *Queue* button.



- **Select**-clicking on *Queue* opens a directory display showing the jobs in the print queue.
- **Adjust**-clicking displays a menu:



Delete last rendered deletes the last job added to the print queue.

Delete current terminates the current print job. Printing may continue for a few seconds as the printer buffer empties.

Delete all deletes all jobs in the queue including the current job. Printing may continue for a few seconds as the printer buffer empties.

Printing from Basic

(Described on page 22 of the TurboDriver manual.)

Turbo has been replaced by *!PrintQFS* which is in *CCShared* in *!System*.

Access and shared printers

This version of TurboDriver is compatible with *Access*, a network application from Acorn Computers. Please note that *Access* is entirely an Acorn product and we cannot offer technical support for it. For more information refer to the documentation supplied with *Access*.

To make your printer accessible to other users:

Install the printer as described in the TurboDriver manual.

1 *Access* must be running.
2 Load *!Printers*.
3 Choose *Printer control* from the Icon Bar Menu. This displays a list of printers currently loaded.
4 Click **Menu** on the printer you want to share. This displays the Printers menu.
5 Choose *Shared* on the Printers menu.
6 If you want to make the sharing permanent, choose *Save choices* on the Icon Bar Menu.

Data for the printer is stored on your hard disc prior to printing. This means printing can fail if there is little free space on your disc.

To use a printer on another computer:

Before using the printer for the first time, follow the first set of installation instructions 1–5 on page 5 of the TurboDriver manual. You do not need to install the printer driver definitions as described in the second set of instructions 1–11.

When you want to print:

1 *Access* must be running.
2 Load *!Printers* and the remote printer appears on the icon bar. Select it and print as normal.

Three-colour and four-colour printing

Some users are confused about the difference between these two methods of printing colours.

Theoretically you can reproduce colours using just three inks; Cyan, Magenta, and Yellow (CMY or three-colour printing). Mixing equal amounts of all three inks gives greys and black. This is how early colour ink-jet printers worked. The disadvantages are:

- The inks are not pure colours and magenta dominates slightly. As a result blacks and shadows appear as muddy brown.
- The three ink nozzles are not exactly aligned and black text looks slightly fuzzy.

To overcome these problems a fourth ink, Black, is used. This is four-colour or CMYK (black is called the Key). This allows true blacks and sharp text. Modern colour printers use CMYK.

The black ink used in Hewlett Packard four-colour printers such as DJ550C and DJ1200 appears to be incompatible with the other inks. Earlier versions of TurboDriver recommended using three-colour printing for coloured pictures. The colour tables now compensate for this problem and you can use four-colour printing at all times. **If you have a TurboDriver for Hewlett-Packard please ignore the section *Four-colour printers* on the back page of the Printers Supplement.**